18. Explain any four form controls in HTML with examples.

19. Explain the basic concepts of text formatting in CSS with an example program.

20. Explain the properties background-color, background-image, background-repeat, background-position, and background-attachment in CSS. Provide examples demonstrating how these properties can be combined to style a webpage background.

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APRIL/MAY 2025

GOCA25C/GOCS25A/DOCA25C/DOCS25A — PRINCIPLES OF WEB DESIGN

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What is the purpose of a web browser? Provide one example of a popular web browser?

2. What is the purpose of the <head> tag in an HTML document?

3. What are absolute and relative URLs? Explain the difference?

4. What is the difference between bitmap and vector images?

5. What is the function of the <textarea> tag in an HTML form?

6. Define <frameset> in HTML.

7. How does the :first-line pseudo-class differ from the :first-letter pseudo-class in CSS?

8. What is the difference between inline CSS and external CSS?

9. What does the border-collapse property do in CSS for tables?

10. What does the :active pseudo-class do in CSS?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) What are the various types of HTML lists?

Or

(b) Write short notes on static and dynamic web pages?

12. (a) Explain the concept of adding images and other objects to websites.

Or

(b) How to create a link to another document in HTML? Provide an example program?

13. (a) What are frames and framesets in HTML? Explain with an example program.

Or

(b) Write an HTML program to design a user login page using form controls.

14. (a) Provide basic examples of CSS usage.

Or

(b) Describe any two properties of the font-family in CSS.

15. (a) How does the list-style-image property work in CSS?

Or

(b) Describe the differences between the :focus and :active pseudo-classes in CSS.

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SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Provide a detailed explanation of the structure of an HTML page with an example.

17. Write an HTML program to display employee details in a table format.